

# POLAR

GLAZED CERAMIC | WALL TILES

PLAIN COLOUR TILES INTRO



JOHNSON • TILES 

MADE IN THE UK SINCE 1901

# POLAR

Our Polar range is perfect for adding a sense of tranquillity to any interior. Reflecting light, this range can make a room feel clean, serene, and refreshingly simple. Polar offers a variety of finishes to add texture to any design scheme. Bumpy Gloss showcases a dappled effect, Gloss Wave emulates the natural movement of water, and Satin Linear Structured offers a fragmented, linear look.

*Front Cover Image: White Satin 300x200mm - CLASIA & White Linear Structure Satin 300x200mm - CLASIL*



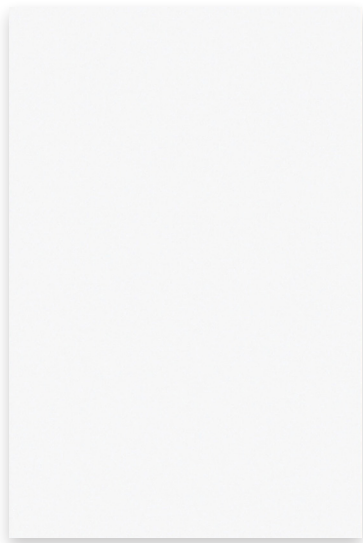
White Gloss 300x200mm - PUREIA  
White Wave Structure Gloss 300x200mm - PUREIW





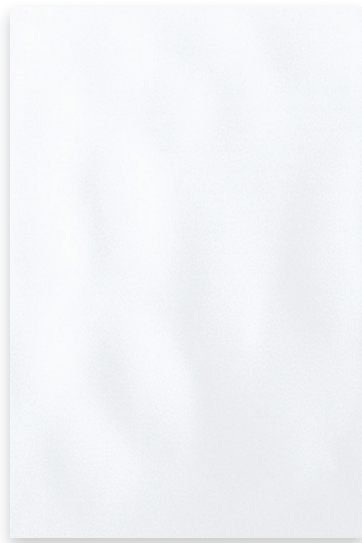
## Colours & Product Codes

V1: Low Shade Variation



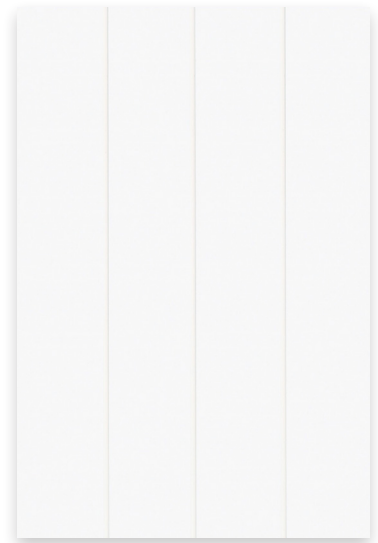
### WHITE

ⓐ PUREIA + Ⓢ CLASIA LRV: 86



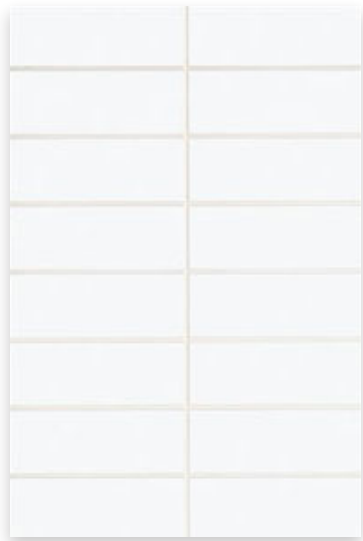
### WHITE BUMPY

ⓐ ALPNIA LRV: 86



### WHITE SCORED 1 WAY

ⓐ PUREIE + Ⓢ CLASIE LRV: 86



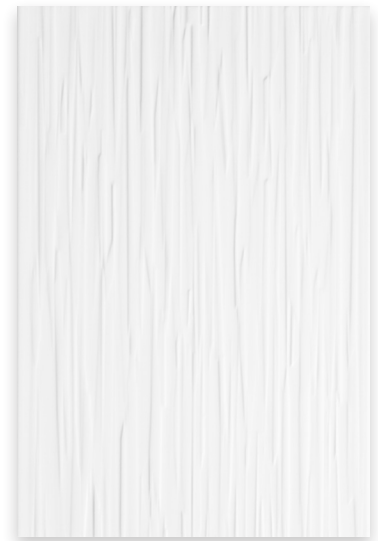
### WHITE SCORED 2 WAYS

ⓐ PUREIF LRV: 86



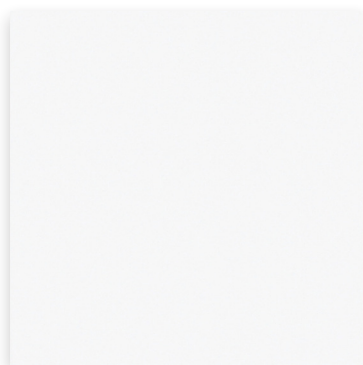
### WHITE WAVE STRUCTURE

ⓐ PUREIW LRV: 86



### WHITE LINEAR STRUCTURE

Ⓢ CLASIL LRV: 86



### WHITE

ⓐ PRGI + Ⓢ PRS12 LRV: 86

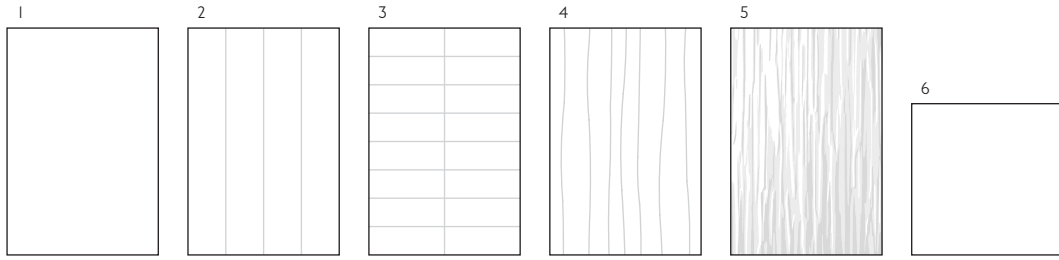


### WHITE BUMPY

ⓐ ALPNIA LRV: 86



## Sizes, Finishes & Availability



#	Size	Finish	Colour Availability	Thickness	Pieces/Box	Coverage/Box	Weight/Box
1	300x200mm	G Gloss	White & White Bumpy	8mm	17 Tiles	1.02 m <sup>2</sup>	14.00 kg
		S Satin	White	8mm	17 Tiles	1.02 m <sup>2</sup>	14.00 kg
2	300x200mm Scored 1 Way	G Gloss	White	8mm	15 Tiles	0.90 m <sup>2</sup>	14.70 kg
		S Satin	White	8mm	15 Tiles	0.90 m <sup>2</sup>	14.70 kg
3	300x200mm Scored 2 Ways	G Gloss	White	8mm	15 Tiles	0.90 m <sup>2</sup>	14.70 kg
4	300x200mm Wave Structure	G Gloss	White	8mm	17 Tiles	1.02 m <sup>2</sup>	14.00 kg
5	300x200mm Linear Structure	S Satin	White	8mm	17 Tiles	1.02 m <sup>2</sup>	14.00 kg
6	200x200mm	G Gloss	White Bumpy	6.5mm	25 Tiles	1.00 m <sup>2</sup>	11.50 kg

**Note:** All sizes indicated are metric modular. All dimensions are in millimetres. All sizes shown are nominal. For the most up-to-date availability information, please visit our website. ALL LRV results are from Johnson Tiles' internal test reports and are to be used for guidance only. LRV: Light Reflectance Value.



White Gloss 300x200mm - PURE I A  
White Scored 1 Way Gloss 300x200mm - PURE I E





## Technical Data

### Specification

Range	Size	Wall Suitability	Floor Suitability	Wet Barefoot	CSV	Material
Polar	All Sizes Shown	Internal Only	-	-	VI	Glazed Ceramic [BIII]

### Physical Properties

Test/Standard	Requirement	Test Result	Test/Standard	Requirement	Test Result
Length / Width EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\leq \pm 0.25\%$	Modulus of Rupture EN ISO 10545 - 4	Min. 15N / mm <sup>2</sup>	$\geq 25\text{N} / \text{mm}^2$
Thickness EN ISO 10545 - 2	$\pm 1.0\% \leq \pm 0.5\text{mm}$	$\pm 2.5\%$	Thermal Shock EN ISO 10545 - 9	Pass	Pass
Straightness of Side EN ISO 10545 - 2	$\pm 0.3\% \leq \pm 1.5\text{mm}$	$\pm 0.15\%$	Frost Resistance EN ISO 10545 - 12	-	Not Suitable
Rectangularity EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\pm 0.4\%$	Chemical Resistance EN ISO 10545 - 13	Min. Class B	Class A - B
Surface Flatness EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\pm 0.3\%$	Stain Resistance EN ISO 10545 - 14	Min. Class 3	Class 3
Water Absorption EN ISO 10545 - 3	10% to 20%	15% to 17%	Fire Rating	-	Class A1 Non Combustible
Weight / M <sup>2</sup>	14.10 kg 8mm thick	11.50 kg 6.5mm thick			

**Note:** All products are classed as BIII - Glazed Ceramic. All products conform to BS EN 14411.

### Sustainability Information

Range	Material	Recycled Content of the Tiles	Recycled Content of the Packaging	Recyclable Content of the Packaging	EPD
Polar	Glazed Ceramic [BIII]	Up to 20%	Up to 100%	Up to 100%	Yes

### Important Information

During the manufacturing process of ceramic, vitrified and porcelain tiles, some variation in shade and pattern can occur. Before fixing any tiles; several boxes should be opened and their contents mixed to ensure that size, colour, shade and patterning are acceptable. The tiles shown are quality products and conform to the physical properties listed below.

- All sizes shown are metric modular.
- For specific suitability and fit-for-purpose details please contact our technical helpline.
- Johnson Tiles cannot accept responsibility for any tiles that have been fixed.
- Every effort has been made to ensure the accuracy of the information given.
- Johnson Tiles reserves the right to change specifications and availability without prior notice.
- Nothing in these statements does or will affect the statutory rights of the consumer.

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For more information about Polar or any  
of our other product ranges simply visit  
**[www.johnson-tiles.com](http://www.johnson-tiles.com)** |      

#### **Where To Find Us**

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